

In the Specification:

Please amend the specification as follows:

Page 1, first paragraph:

Field of the Invention

The invention relates to an analysis and culture apparatus comprising several wells, which have a cover that closes the well, as well as at least one inlet passage and one outlet passage for introducing matter into a closed space and for removing it from a closed space, respectively.

Background of the Invention

Page 2, third paragraph:

Summary of the Invention

The purpose of the invention is to present an analysis and culture apparatus which does not comprise the above-mentioned drawbacks. In order to attain this purpose, the apparatus is primarily characterized in that the cover is formed as a separate cap, which can be removably attached in the well, by means of which the well can be closed, and to which the inlet passage and the outlet passage are integrated.

Page 4, third paragraph:

Brief Description of the Drawings

In the following, the invention will be described in more detail with reference to the appended drawings, in which

Paragraph bridging pages 4 and 5:

Detailed Description of Embodiments of the Invention

Fig. 1 presents a side view of a cap, which is intended for an analysis and culture apparatus according to the invention. The analysis and culture apparatus here refers to an apparatus, where cells are cultured in controlled conditions by forming several closed culture spaces, to which it is possible to feed a medium having a determined composition according to a desired schedule, as well as to add substance required at different stages of the culture. The invention is not limited to the culture of only certain types of cells, but as an example can be mentioned, for example, the culture of different micro-organisms, as well as the maintenance and culture of cells of higher organisms. As an example of these can be mentioned the maintenance of gametes, for example, for the purposes of in vitro fertilization, or stem cell lines. A substantial part of the use of the apparatus is also the continuous monitoring by means of, for example, some imaging method; the images received during it can be stored, analyzed or used in controlling the living conditions

within the closed culture space of the well. These methods are not described more in depth because they are not a part of the invention.